ABSTRACT OF THE DISCLOSURE

Methods and systems for proactively maintaining Digital Loop Carriers and a telephone system local loop. One embodiment for proactively maintaining a Digital Loop Carrier in a telephone system local loop includes communicating with a communications network and acquiring status information associated with the Digital Loop Carrier. Proactive maintenance is predicted based upon the status information. The status information may be weighted. The status information may also be combined with information from a Dynamic Network Analyzer and information from a Loop Facilities and Control System. The embodiment may also generate and dispatch work order information describing the predicted proactive maintenance. A further embodiment includes communicating with a communications network and acquiring at least one of customer information associated with copper line pairs, service information associated with copper line pairs, and status information associated with a Digital Loop Carrier. The acquired information is stored and combined. Proactive maintenance of the telephone system local loop is predicted based upon the combined information.

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